

STEREO MOC Status Report
Time Period: 2020:090 - 2020:096

STEREO Ahead (STA) Status:

1. The following Ground System anomalies/events occurred during this reporting period:

- On day 090, during the DSS-63 support, turbo decoder lock was lost intermittently from 1932z through 1952z. This anomaly resulted in the loss of 551 frames of SSR data. See DR #M112160 for more information.
- On day 091, during the DSS-63 support, turbo decoder lock was lost briefly at 1717z. This anomaly resulted in the loss of 14 frames of SSR data.
- On day 095, during the DSS-63 support, turbo decoder lock was lost briefly at 1727z. This anomaly resulted in the loss of two frames of SSR data.
- On day 096, during the DSS-34 support, turbo decoder lock was lost briefly at 0616z, 0748z, and 0909z. This anomaly resulted in the loss of eight frames of SSR data.

2. The following spacecraft/instrument events occurred during this week. The Ahead observatory operated nominally during this week.

- As of day 096, all PLASTIC systems are behaving well, except there is a high background count rate, which the team is continuing to monitor.
- The average daily science data return for Ahead was 7.5 Gbits during this week.